## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref#       | Hits | Search Query   | DBs                                 | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|-------------------------------------|---------------------|---------|---------------------|
| L1         | 2    | (liu near2 xiang).in. and<br>(deep near2 satura\$4)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2011/06/18<br>16:16 |
| L2         | 2    | (su near2 yikai).in. and<br>(deep near2 satura\$4)   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2011/06/18<br>16:17 |
| L3         | 2    | (wei near2 xing).in. and (deep near2 satura\$4)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2011/06/18<br>16:17 |
| S1         | 10   | ((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") and (deep near2<br>saturat\$3) | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2007/01/07<br>08:46 |
| S2         | 4    | ((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") and (dpsk same<br>saturat\$3)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2007/01/07<br>08:48 |
| S3         | 4    | ((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") with dpsk                      | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2007/01/07<br>08:49 |
| S4         | 5    | ((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") same dpsk                      | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2007/01/07<br>08:50 |
| S5         | 48   | 398/18.ccls.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2007/01/07<br>11:11 |
| <b>S</b> 6 | 405  | 398/83.ccls.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2007/01/07<br>10:21 |
| S7         | 100  | 398/94.ccls.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2007/01/07<br>10:32 |

| S8  | 77  | 398/160.ccls.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/01/07<br>10:36 |
|-----|-----|--|-------------------------------------|----|----|---------------------|
| S9  | 4   | "10190434"   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/01/07<br>10:37 |
| S10 | 3   | "10/190434"  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/01/07<br>10:37 |
| S11 | 1   | "10/790434"  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/01/07<br>10:37 |
| S12 | 1   | "7116908".pn.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/01/07<br>11:12 |
| S13 | 828 | ((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") same saturat\$3  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/18<br>21:49 |
| S14 | 185 | (((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") same saturat\$3)<br>and (phase adj2 shift)                                      | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/18<br>21:50 |
| S15 | 148 | (((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") same saturat\$3 )<br>and (phase adj2 shift)<br>and @ad<"20040620"               | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/18<br>21:50 |
| S16 | 9   | (((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") same saturat\$3)<br>and (phase adj2 shift adj2<br>key\$3) and<br>@ad<"20040620" | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/18<br>21:52 |
| S17 | 830 | ((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") same saturat\$3  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/29<br>15:07 |
| S18 | 622 | ((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") with saturat\$3  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/29<br>15:07 |

| S19         | 251 | (((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") with saturat\$3)<br>and (power near2 (input<br>and output))                                | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/29<br>15:08 |
|-------------|-----|---|-------------------------------------|----|----|---------------------|
| S20         | 1   | (((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") with saturat\$3)<br>and (power near2 (input<br>and output)) and dpsk<br>and @ad<"20040227" | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/29<br>15:42 |
| S21         | 234 | (liu near2 xiang).in.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/12/07<br>08:28 |
| S22         | 2   | (liu near2 xiang).in. and<br>(deep near2 satura\$4)   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/12/07<br>08:29 |
| \$23        | 2   | (su near2 yikai).in. and<br>(deep near2 satura\$4)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/12/07<br>08:30 |
| S24         | 2   | (wei near2 xing).in. and (deep near2 satura\$4)   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/12/07<br>08:31 |
| <b>S</b> 25 | 377 | 398/188.ccls.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/12/07<br>09:07 |
| <b>S</b> 26 | 133 | 398/178.ccls.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/12/07<br>09:08 |
| S27         | 6   | (((semiconductor adj<br>optical adj2 amplifier) or<br>"soa") with saturat\$3)<br>and (power near2 (input<br>and output)) and "0.25"                     | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2010/03/14<br>22:29 |

## 6/18/11 4:19:12 PM

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